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April N. Williams  
April N. Williams  
Date of Signature 5/17/01

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Brendes et al.

Group Art Unit: 2152

**Serial No.: 09/770,316**

Examiner: Not Assigned

Filed: January 26, 2001

Docket No.: 1322/49/2

For: METHODS AND SYSTEMS FOR PROVIDING CONVERGED NETWORK  
MANAGEMENT FUNCTIONALITY IN A GATEWAY ROUTING NODE

\*\*\*\*\*

RESPONSE TO NOTICE TO FILE MISSING  
PARTS - FILING DATE GRANTED

Commissioner for Patents  
Box Missing Parts  
Washington, D.C. 20231

Sir:

Pursuant to the "Notice to File Missing Parts of Application - Filing Date Granted" dated March 7, 2001, and having a period for response set to expire on May 7, 2001, please find enclosed the following:

1. An original executed Declaration and Power of Attorney for the above-referenced U.S. Patent Application;
2. An original executed Assignment and related Recordation Form Cover Sheet for the above-referenced U.S. Patent Application; and
3. A check in the amount of \$280.00 (\$130.00 representing the Missing Parts surcharge fee, \$40.00 representing the Assignment recordation fee, and \$110.00 representing the 1-Month Extension of Time fee).

A copy of the Notice to File Missing Parts is being filed simultaneously.

Although a check is being submitted herewith, the Commissioner is hereby authorized to charge any deficiency or credit any overpayments in connection with the filing of this Response to Deposit Account No. 50-0426.

Respectfully submitted,

JENKINS & WILSON, P.A.

Date: 5/17/01

By: 

Gregory A. Hunt  
Registration No. 41,085

Suite 1400 University Tower  
3100 Tower Boulevard  
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Customer No.: 25297

1322/49/2 GAH/anw

Enclosures



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May 17, 2001

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VENTURE II SUITE 400  
920 MAIN CAMPUS DRIVE  
RALEIGH, NORTH CAROLINA 27606

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the United States Postal Service as first class mail in an envelope  
addressed to the Commissioner of Patents and Trademarks,  
Washington, D.C. 20231 on May 17, 2001

*April N. Williams*  
April N. Williams

Date of Signature 5/17/01

Commissioner for Patents  
Washington, D.C. 20231

Re: U.S. Patent Application Serial No. 09/770,316 for METHODS  
AND SYSTEMS FOR PROVIDING CONVERGED NETWORK  
MANAGEMENT FUNCTIONALITY IN A GATEWAY ROUTING  
NODE  
Our File No. 1322/49/2

Sir:

Enclosed please find the following:

1. A Response to Notice to File Missing Parts (2 pages);
2. Petition for a 1-Month Extension of Time (1 page);
3. Fee Transmittal (1 page), in duplicate;
4. An executed Declaration (4 pages);
5. Recordation Form Cover Sheet (Form PTO-1595) (1 page);
6. An executed Assignment (2 pages);
7. A check in the amount of \$280.00;
8. A copy of the Notice to File Missing Parts (2 pages);

Commissioner for Patents  
May 17, 2001  
Page 2



9. A return-receipt postcard to be returned to our offices with the U.S. Patent and Trademark filing stamp thereon.

Please contact our offices if there are any questions with this matter.

Respectfully submitted,

JENKINS & WILSON, P.A.

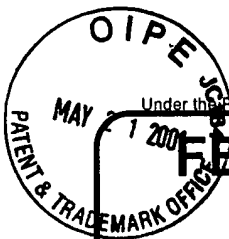
A handwritten signature in black ink, appearing to read "Gregory A. Hunt".

Gregory A. Hunt  
Registration No. 41,085  
Customer No.: 25297

GAH/anw

Enclosures

Section 7



PTO/SB/17 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">for FY 2001</h2> <p style="font-size: small; margin: 5px 0;">Patent fees are subject to annual revision.</p>		<b>Complete if Known</b>	
<b>TOTAL AMOUNT OF PAYMENT</b>		(\$) 280.00	Application Number 09/770,316 Filing Date January 26, 2001 First Named Inventor Brendes, Dan Alan Examiner Name Not Assigned Group Art Unit 2152 Attorney Docket No. 1322/49/2

METHOD OF PAYMENT	FEE CALCULATION (continued)																																																																																																																																																																																														
<p>1. <input type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</p> <p>Deposit Account Number <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px;"></span></p> <p>Deposit Account Name <span style="border: 1px solid black; display: inline-block; width: 150px; height: 20px;"></span></p> <p><input type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p> <p>2. <input checked="" type="checkbox"/> <b>Payment Enclosed:</b></p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>	<p><b>3. ADDITIONAL FEES</b></p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> <td>130.00</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td></td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td></td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For filing a request for <i>ex parte</i> reexamination</td> <td></td> </tr> <tr> <td>112</td> <td>920*</td> <td>112</td> <td>920*</td> <td>Requesting publication of SIR prior to Examiner action</td> <td></td> </tr> <tr> <td>113</td> <td>1,840*</td> <td>113</td> <td>1,840*</td> <td>Requesting publication of SIR after Examiner action</td> <td>110.00</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td></td> </tr> <tr> <td>116</td> <td>390</td> <td>216</td> <td>195</td> <td>Extension for reply within second month</td> <td></td> </tr> <tr> <td>117</td> <td>890</td> <td>217</td> <td>445</td> <td>Extension for reply within third month</td> <td></td> </tr> <tr> <td>118</td> <td>1,390</td> <td>218</td> <td>695</td> <td>Extension for reply within fourth month</td> <td></td> </tr> <tr> <td>128</td> <td>1,890</td> <td>228</td> <td>945</td> <td>Extension for reply within fifth month</td> <td></td> </tr> <tr> <td>119</td> <td>310</td> <td>219</td> <td>155</td> <td>Notice of Appeal</td> <td></td> </tr> <tr> <td>120</td> <td>310</td> <td>220</td> <td>155</td> <td>Filing a brief in support of an appeal</td> <td></td> </tr> <tr> <td>121</td> <td>270</td> <td>221</td> <td>135</td> <td>Request for oral hearing</td> <td></td> </tr> <tr> <td>138</td> <td>1,510</td> <td>138</td> <td>1,510</td> <td>Petition to institute a public use proceeding</td> <td></td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive - unavoidable</td> <td></td> </tr> <tr> <td>141</td> <td>1,240</td> <td>241</td> <td>620</td> <td>Petition to revive - unintentional</td> <td></td> </tr> <tr> <td>142</td> <td>1,240</td> <td>242</td> <td>620</td> <td>Utility issue fee (or reissue)</td> <td></td> </tr> <tr> <td>143</td> <td>440</td> <td>243</td> <td>220</td> <td>Design issue fee</td> <td></td> </tr> <tr> <td>144</td> <td>600</td> <td>244</td> <td>300</td> <td>Plant issue fee</td> <td></td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td></td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(q)</td> <td></td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of Information Disclosure Stmt</td> <td></td> </tr> <tr> <td>581</td> <td>40</td> <td>581</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td>40.00</td> </tr> <tr> <td>146</td> <td>710</td> <td>246</td> <td>355</td> <td>Filing a submission after final rejection (37 CFR § 1.129(a))</td> <td></td> </tr> <tr> <td>149</td> <td>710</td> <td>249</td> <td>355</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> <td></td> </tr> <tr> <td>179</td> <td>710</td> <td>279</td> <td>355</td> <td>Request for Continued Examination (RCE)</td> <td></td> </tr> <tr> <td>169</td> <td>900</td> <td>169</td> <td>900</td> <td>Request for expedited examination of a design application</td> <td></td> </tr> <tr> <td colspan="6">Other fee (specify) _____</td> </tr> <tr> <td colspan="5" style="text-align: right;"> <b>SUBTOTAL (3)</b> </td> <td style="text-align: center;">                 (\$) 280.00             </td> </tr> </tbody> </table>	Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath	130.00	127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	110.00	115	110	215	55	Extension for reply within first month		116	390	216	195	Extension for reply within second month		117	890	217	445	Extension for reply within third month		118	1,390	218	695	Extension for reply within fourth month		128	1,890	228	945	Extension for reply within fifth month		119	310	219	155	Notice of Appeal		120	310	220	155	Filing a brief in support of an appeal		121	270	221	135	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,240	241	620	Petition to revive - unintentional		142	1,240	242	620	Utility issue fee (or reissue)		143	440	243	220	Design issue fee		144	600	244	300	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00	146	710	246	355	Filing a submission after final rejection (37 CFR § 1.129(a))		149	710	249	355	For each additional invention to be examined (37 CFR § 1.129(b))		179	710	279	355	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						<b>SUBTOTAL (3)</b>					(\$) 280.00
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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Gregory A. Hunt	Registration No. (Attorney/Agent)	41,085
Signature		Telephone	919-493-8000
		Date	5/17/01

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PTO/SB/17 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ ) 280.00

## Complete if Known

Application Number	09/770,316
Filing Date	January 26, 2001
First Named Inventor	Brendes, Dan Alan
Examiner Name	Not Assigned
Group Art Unit	2152
Attorney Docket No.	1322/49/2

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number   
Deposit Account Name

- ☐ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
☐ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed:

☒ Check ☐ Credit card ☐ Money Order ☐ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

	Large Entity	Small Entity	Fee Description	Fee Paid
	Fee Code (\$)	Fee Code (\$)		
101	710	201 355	Utility filing fee	<input type="text"/>
106	320	206 160	Design filing fee	<input type="text"/>
107	490	207 245	Plant filing fee	<input type="text"/>
108	710	208 355	Reissue filing fee	<input type="text"/>
114	150	214 75	Provisional filing fee	<input type="text"/>

SUBTOTAL (1) (\$ ) 0.00

### 2. EXTRA CLAIM FEES

Total Claims  -20\*\* =  X  =   
Independent Claims  - 3\*\* =  X  =   
Multiple Dependent  =

	Large Entity	Small Entity	Fee Description
	Fee Code (\$)	Fee Code (\$)	
103	18	203 9	Claims in excess of 20
102	80	202 40	Independent claims in excess of 3
104	270	204 135	Multiple dependent claim, if not paid
109	80	209 40	** Reissue independent claims over original patent
110	18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ ) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

	Large Entity	Small Entity	Fee Description	Fee Paid
	Fee Code (\$)	Fee Code (\$)		
105	130	205 65	Surcharge - late filing fee or oath	130.00
127	50	227 25	Surcharge - late provisional filing fee or cover sheet	<input type="text"/>
139	130	139 130	Non-English specification	<input type="text"/>
147	2,520	147 2,520	For filing a request for ex parte reexamination	<input type="text"/>
112	920*	112 920*	Requesting publication of SIR prior to Examiner action	<input type="text"/>
113	1,840*	113 1,840*	Requesting publication of SIR after Examiner action	<input type="text"/>
115	110	215 55	Extension for reply within first month	110.00
116	390	216 195	Extension for reply within second month	<input type="text"/>
117	890	217 445	Extension for reply within third month	<input type="text"/>
118	1,390	218 695	Extension for reply within fourth month	<input type="text"/>
128	1,890	228 945	Extension for reply within fifth month	<input type="text"/>
119	310	219 155	Notice of Appeal	<input type="text"/>
120	310	220 155	Filing a brief in support of an appeal	<input type="text"/>
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138	1,510	138 1,510	Petition to institute a public use proceeding	<input type="text"/>
140	110	240 55	Petition to revive - unavoidable	<input type="text"/>
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123	50	123 50	Processing fee under 37 CFR 1.17(q)	<input type="text"/>
126	180	126 180	Submission of Information Disclosure Stmt	<input type="text"/>
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169	900	169 900	Request for expedited examination of a design application	<input type="text"/>

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 280.00

## SUBMITTED BY

Name (Print/Type)	Gregory A. Hunt	Registration No. (Attorney/Agent)	41,085	Telephone	919-493-8000
Signature		Date	5/17/01		

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